

10/089514
STN Search Summary

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FILE 'REGISTRY' ENTERED AT 15:25:49 ON 14 JAN 2005

L1 12 S VERNAMYCIN
L2 0 S VERNAMYCIN/CN
L3 12 S VERNAMYCIN?/CN
L4 0 S CORYNESIN
L5 6 S CORYNECIN

FILE 'CAPLUS' ENTERED AT 15:27:17 ON 14 JAN 2005

L6 541 S L1 OR L5
L7 6 S L1 AND LOIDENSIS
L8 0 S L1 AND LOIDENS
L9 52 S L5
L10 6 S L9 AND NOCARDIA
L11 0 S NOCARDIA (W) PARAFINNICA
L12 116 S HYDROCARBOCLASTUS
L13 109 S CORYNEBACTERIUM (W) HYDROCARBOCLASTUS
L14 9 S L13 AND CORYNECIN

=> d 17 1-6

L7 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:20705 CAPLUS

TI Streptomyces gene papM mutants with altered methylation activity promote increased synthesis of streptogramin PIA or PIB

IN Bamas-Jacques, Nathalie; Thibaut, Denis; Famechon, Alain

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004003012	A2	20040108	WO 2003-FR1926	20030623
WO 2004003012	A3	20040415		
FR 2841563	A1	20040102	FR 2002-8057	20020628
PRAI FR 2002-8057	A	20020628		

L7 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1994:75617 CAPLUS

TI Microbial mutants producing specific members of the streptogramin family, preparation of these mutants, and use of the mutants to prepare the antibiotics

IN Barrere, Genevieve; Jumel, Catherine; Lacroix, Patricia; Lehmann, Corinne; Sabatier, Alain

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9320182	A1	19931014	WO 1993-FR324	19930331
FR 2689518	A1	19931008	FR 1992-3939	19920401
FR 2689518	B1	19950407		
ZA 9302225	A	19931014	ZA 1993-2225	19930329
IL 105205	A1	19980924	IL 1993-105205	19930329
AU 9338934	A1	19931108	AU 1993-38934	19930331
AU 684042	B2	19971204		
EP 633928	A1	19950118	EP 1993-907916	19930331
EP 633928	B1	20031119		
JP 07505288	T2	19950615	JP 1993-517165	19930331
JP 3421855	B2	20030630		
AT 254659	E	20031215	AT 1993-907916	19930331

PT	633928	T	20040430	PT	1993-907916	19930331
ES	2206456	T3	20040516	ES	1993-907916	19930331
FI	9404563	A	19940930	FI	1994-4563	19940930
US	6180392	B1	20010130	US	1994-307796	19941110
PRAI	FR 1992-3939	A	19920401			
	WO 1993-FR324	A	19930331			
OS	MARPAT 120:75617					

L7 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1993:37550 CAPLUS
TI Microbial or enzymatic synthesis of virginiamycin M1 from virginiamycin M2
IN Blanche, Francis; Thibaut, Denis

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 506561	A1	19920930	EP 1992-400825	19920326
FR 2674539	A1	19921002	FR 1991-3779	19910328
FR 2674539	B1	19930521		
CA 2106675	AA	19920929	CA 1992-2106675	19920326
CA 2106675	C	20021015		
WO 9217491	A1	19921015	WO 1992-FR270	19920326
AU 9215521	A1	19921102	AU 1992-15521	19920326
EP 577705	A1	19940112	EP 1992-908261	19920326
EP 577705	B1	19960605		
JP 06506350	T2	19940721	JP 1992-507698	19920326
JP 3199734	B2	20010820		
IL 101388	A1	19960131	IL 1992-101388	19920326
AT 138934	E	19960615	AT 1992-908261	19920326
ES 2087535	T3	19960716	ES 1992-908261	19920326
US 5591614	A	19970107	US 1995-417445	19950405
PRAI	FR 1991-3779	A	19910328	
	WO 1992-FR270	A	19920326	
	US 1993-119229	B1	19930928	

L7 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1967:68923 CAPLUS
TI Purification of vernamycin
IN Bodanszky, Miklos; Sheehan, John T.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3299047		19670117	US	19630814

L7 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1965:44211 CAPLUS
TI Structure of vernamycin B antibiotics
AU Bodanszky, M.; Ondetti, Miguel A.
SO Antimicrobial Agents and Chemotherapy (1961-70) (1964), 1963, 360-5

L7 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1962:20603 CAPLUS
TI Vernamycin A and B
IN Donovick, Richard; Dutcher, James D.; Heuser, Leon J.; Pagano, Joseph F.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2990325			US	19551116

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L7 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
AB Vernamycin A (I) and B (H), esp. suitable against gram-pos. bacteria, were produced by cultivating **Streptomyces loidensis** ATCC 11415 under submerged aerated conditions at 20-40.degree. for 48-96 hrs. Thus, in the 1st stage, 100 ml. medium contg.. . . to 6.8-7.2 with 12N NaOH before sterilizing at 121.degree. for 30 min., inoculated from yeast beef agar isolant of *S. loidensis*, was incubated at 25.degree. for 72 hrs. on a shaker. In the 2nd stage, the 1st stage culture was used. . .
IT Antibiotic substances
 (vernamycin A and B as, from **Streptomyces loidensis**)
IT **Streptomyces loidensis**
 (vernamycin A and B from)
IT Fermentation
 (vernamycin A and B, by **Streptomyces loidensis**)
IT 9040-14-6, Vernamycin B 21411-53-0, Vernamycin A
 (manuf. by **Streptomyces loidensis**)

L10 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1981:82161 CAPLUS

TI Chloramphenicol analog production from Nocardia cultures

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 55034680	B4	19800908	JP 1976-124999	19761020
PRAI JP 1976-124999	A	19761020		

L10 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1974:436496 CAPLUS

TI Chloramphenicol

IN Suzuki, Takeo; Tomita, Fusao

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 48103794	A2	19731226	JP 1972-35192	19720410
PRAI JP 1972-35192	A	19720410		

L10 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1974:25924 CAPLUS

TI Fermentative manufacture of chloramphenicol derivatives

IN Suzuki, Takeo; Tomita, Fusao; Nakano, Hirofumi; Honda, Haruo

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 2316352	A1	19731018	DE 1973-2316352	19730402
DE 2316352	B2	19741114		
DE 2316352	C3	19750717		
JP 48099388	A2	19731215	JP 1972-33483	19720405
JP 52009758	B4	19770318		
FR 2179014	A1	19731116	FR 1973-11809	19730402
CA 993821	A1	19760727	CA 1973-167753	19730402
US 3847747	A	19741112	US 1973-347399	19730403
GB 1426448	A	19760225	GB 1973-16360	19730405
PRAI JP 1972-33483	A	19720405		

L10 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1973:41564 CAPLUS
TI d-threo-2-(Acylamino)-1-(p-nitrophenyl)-1,3-propanediols
IN Suzuki, Takeo; Tomita, Fusao; Honda, Haruo; Shirabata, Kunikatsu; Deguchi, Takashi; Machida, Tokio; Kato, Fumio

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2166090	A	19721130	DE 1971-2166090	19710424
	DE 2166090	B2	19740117		
	DE 2166090	C3	19740815		
	JP 49011434	B4	19740316	JP 1970-112463	19701217
	US 3751339	A	19730807	US 1971-137695	19710426
	FR 2090768	A5	19720114	FR 1971-14917	19710427
	GB 1344739	A	19740123	GB 1971-11683	19710427
	CA 982071	A1	19760120	CA 1971-111462	19710427
	CA 981608	A2	19760113	CA 1974-206465	19740807
PRAI	JP 1970-35902	A	19700428		
	JP 1970-112463	A	19701217		
	CA 1971-111462	A3	19710427		

L10 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1973:41563 CAPLUS
TI d-threo-2-Propionamide-1-(p-nitrophenyl)-1,3-propanediol
IN Suzuki, Takeo; Tomita, Fusao; Honda, Haruo; Shirabata, Kunikatsu; Deguchi, Takashi; Machida, Tokio; Kato, Fumio

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2166091	A	19721130	DE 1971-2166091	19710424
	DE 2166091	B2	19740117		
	DE 2166091	C3	19740815		
	JP 49011434	B4	19740316	JP 1970-112463	19701217
	US 3751339	A	19730807	US 1971-137695	19710426
	FR 2090768	A5	19720114	FR 1971-14917	19710427
	GB 1344739	A	19740123	GB 1971-11683	19710427
	CA 982071	A1	19760120	CA 1971-111462	19710427
	CA 981608	A2	19760113	CA 1974-206465	19740807
PRAI	JP 1970-35902	A	19700428		
	JP 1970-112463	A	19701217		
	CA 1971-111462	A3	19710427		

L10 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1972:32866 CAPLUS
TI Manufacture of chloramphenicol analogs by fermentation of Corynebacterium, Nocardia, and Arthrobacter strains
IN Suzuki, Takeo; Tomita, Fusao; Honda, Haruo; Shirahata, Kunikatsu; Deguchi, Takashi; Kato, Fumio

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2120153	A	19711111	DE 1971-2120153	19710424
	DE 2120153	C3	19730726		
	JP 49011434	B4	19740316	JP 1970-112463	19701217
	US 3751339	A	19730807	US 1971-137695	19710426
	FR 2090768	A5	19720114	FR 1971-14917	19710427
	GB 1344739	A	19740123	GB 1971-11683	19710427
	CA 982071	A1	19760120	CA 1971-111462	19710427
	CA 981608	A2	19760113	CA 1974-206465	19740807
PRAI	JP 1970-35902	A	19700428		

JP 1970-112463 A 19701217
CA 1971-111462 A3 19710427

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- L10 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN
TI Manufacture of chloramphenicol analogs by fermentation of *Corynebacterium*, *Nocardia*, and *Arthrobacter* strains
AB . . . and a mixt. of the 3-o-acetyl analogs of I were manufd. by culturing of *C. hydrocarboclastus*, *C. equi*, *C. pseudodiphtheriticum*, *Nocardia globerula*, *N. hydrocarbonoxydans*, and *Arthrobacter paraffineus* on a medium contg. n-paraffins, sucrose, and (or) glucose as C sources. Thus, aerobic. . .
ST chloramphenicol analogs fermn; acylamidonitrophenylpropanediols manuf fermn; nitrophenylpropanediol acylamido manuf; *Corynebacterium* chloramphenicol analog; *Nocardia* chloramphenicol analog; *Arthrobacter* chloramphenicol analog
IT *Arthrobacter paraffineus*
Corynebacterium
 Nocardia
 (chloramphenicol analogs manuf. by)
IT 1885-08-1P 18048-95-8P 35098-52-3P
RL: BMF (Bioindustrial manufacture); BIOL (Biological study); PREP (Preparation)
 (manuf. of, by bacteria)
- L14 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1977:466522 CAPLUS
TI Corynecin (chloramphenicol analogs) fermentation studies: selective production of Corynecin I by *Corynebacterium hydrocarboclastus* grown on acetate
AU Nakano, Hirofumi; Tomita, Fusao; Yamaguchi, Ken; Nagashima, Minoru; Suzuki, Takeo
SO Biotechnology and Bioengineering (1977), 19(7), 1009-18
- L14 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1977:85841 CAPLUS
TI Distribution of chloramphenicol acetyltransferase and chloramphenicol-3-acetate esterase among *Streptomyces* and *Corynebacterium*
AU Nakano, Hirofumi; Matsuhashi, Yuji; Takeuchi, Tomio; Umezawa, Hamao
SO Journal of Antibiotics (1977), 30(1), 76-82
- L14 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1976:147421 CAPLUS
TI Biosynthesis of Corynecins by *Corynebacterium hydrocarboclastus*: on the origin of the N-acyl group
AU Nakano, Hirofumi; Tomita, Fusao; Suzuki, Takeo
SO Agricultural and Biological Chemistry (1976), 40(2), 331-6
- L14 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1976:101997 CAPLUS
TI Role of p-aminophenylalanine in biosynthesis of corynecins and aromatic amino acids by *Corynebacterium hydrocarboclastus*
AU Nakano, Hirofumi; Tomita, Fusao; Suzuki, Takeo
SO Agricultural and Biological Chemistry (1976), 40(1), 207-12

- L14 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1975:121405 CAPLUS
TI Incorporation of shikimic acid into corynecins and its regulation
AU Nakano, Hirofumi; Tomita, Fusao; Suzuki, Takeo
SO Agricultural and Biological Chemistry (1974), 38(12), 2505-9
- L14 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1975:96461 CAPLUS
TI Fermentative production of chloramphenicol analogs (corynecins) from sucrose
AU Suzuki, Takeo; Tomita, Fusao; Nakano, Hirofumi
SO Agricultural and Biological Chemistry (1974), 38(12), 2477-81
- L14 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1975:96460 CAPLUS
TI Production of corynecins by mutants defective in glycolipid synthesis and increased in corynecin I
AU Nakano, Hirofumi; Tomita, Fusao; Suzuki, Takeo
SO Agricultural and Biological Chemistry (1974), 38(12), 2471-5
- L14 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1975:70160 CAPLUS
TI Production of corynecins by chloramphenicol resistant mutants of *Corynebacterium hydrocarboclastus*
AU Tomita, Fusao; Nakano, Hirofumi; Honda, Haruo; Suzuki, Takeo
SO Agricultural and Biological Chemistry (1974), 38(11), 2183-8
- L14 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1974:567766 CAPLUS
TI Further studies on production of chloramphenicol analogs (corynecins) from n-alkanes
AU Tomita, Fusao; Nakano, Hirofumi; Suzuki, Takeo
SO Agricultural and Biological Chemistry (1974), 38(9), 1673-8